

Title (en)
ECG DATA COMPRESSION FOR STORAGE IN A PACEMAKER MEMORY

Publication
EP 0263599 B1 19930414 (EN)

Application
EP 87307940 A 19870908

Priority
US 91569686 A 19861006

Abstract (en)
[origin: US4716903A] An implantable pacemaker which stores in memory the representation of an ECG signal by compressing the data. Whenever the input signal changes by a threshold amount from the last time data was recorded, a representation of the time interval which has elapsed is recorded. In a maximally efficient system, the only information which must be stored are the successive elapsed times, along with indications of when the input signal changes slope.

IPC 1-7
A61B 5/04; **A61N 1/365**

IPC 8 full level
A61B 5/00 (2006.01); **A61B 5/0432** (2006.01); **A61N 1/372** (2006.01)

CPC (source: EP US)
A61B 5/0006 (2013.01 - EP US); **A61B 5/335** (2021.01 - EP US); **A61B 5/7232** (2013.01 - EP US); **A61N 1/37252** (2013.01 - EP US)

Cited by
AU654446B2; CN103040462A; US5836889A; USRE38712E; WO9405371A1

Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
US 4716903 A 19880105; DE 3785410 D1 19930519; DE 3785410 T2 19930902; EP 0263599 A2 19880413; EP 0263599 A3 19890524; EP 0263599 B1 19930414

DOCDB simple family (application)
US 91569686 A 19861006; DE 3785410 T 19870908; EP 87307940 A 19870908